

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037207.D
 Acq On : 12 Mar 2020 22:41
 Operator : JC/MD
 Sample : L1901-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:30:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	395436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	381890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139985	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.48%
7) Chloroethane-d5	1.93	69	118037	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.59	63	206784	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	4.67	46	257164	106.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	5.10	84	285237	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	5.74	65	213670	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
32) Benzene-d6	5.76	84	523461	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
36) 1,2-Dichloropropane-d6	6.72	67	173445	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	7.92	98	480623	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%
43) trans-1,3-Dichloropropene-	8.20	79	86837	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.66	63	176048	98.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.81%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	254441	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	176349	52.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.54%

Target Compounds

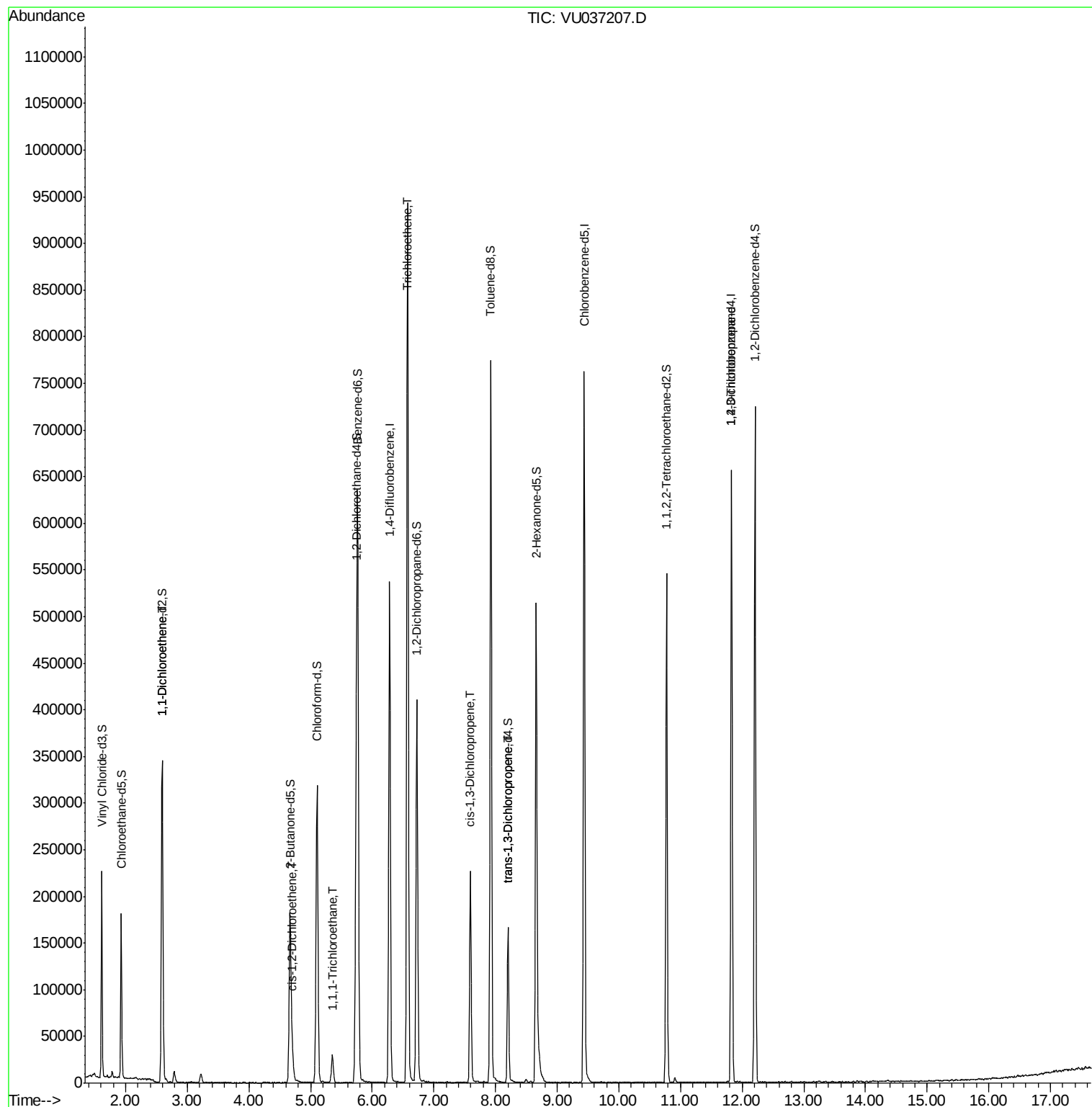
					Ovalue
12) 1,1-Dichloroethene	2.60	96	18784	8.049 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	10109	3.418 ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	20551	4.054 ug/L	99
34) Trichloroethene	6.57	95	308498	105.469 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	6290	1.268 ug/L #	54
44) trans-1,3-Dichloropropene	8.20	75	5176	1.105 ug/L #	82
59) 1,2,3-Trichloropropane	11.83	75	21944	4.934 ug/L #	85

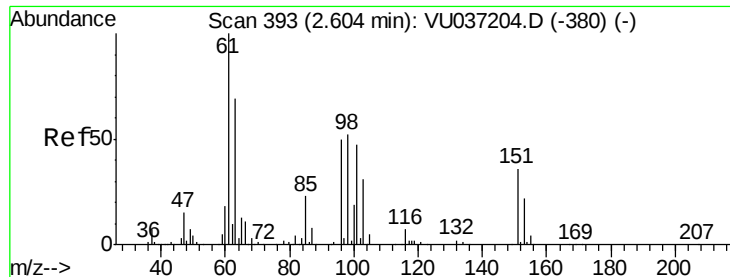
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 13 08:28:33 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 8.049 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037207.D

Acq: 12 Mar 2020 22:41

Instrument :
MSVOA_U
ClientSampled :

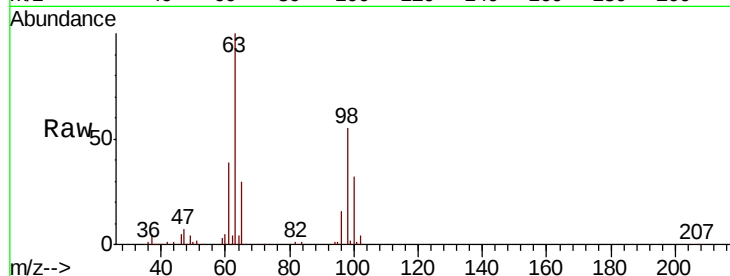
Tot Ion: 96 Resp: 18784

Ion Ratio Lower Upper

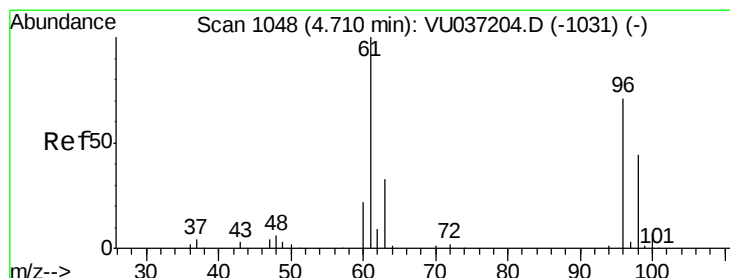
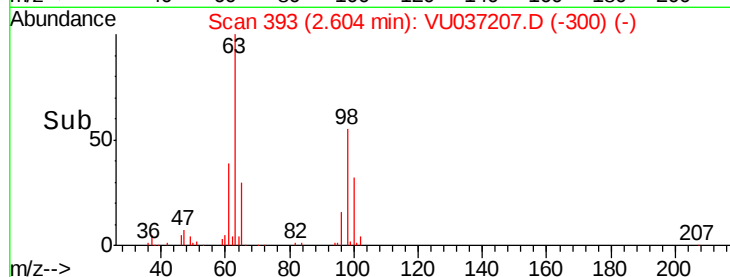
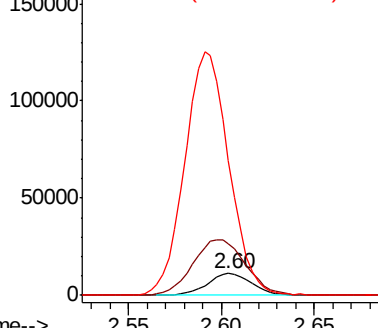
96 100

61 235.5 138.8 257.8

63 610.4 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 3.418 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037207.D

Acq: 12 Mar 2020 22:41

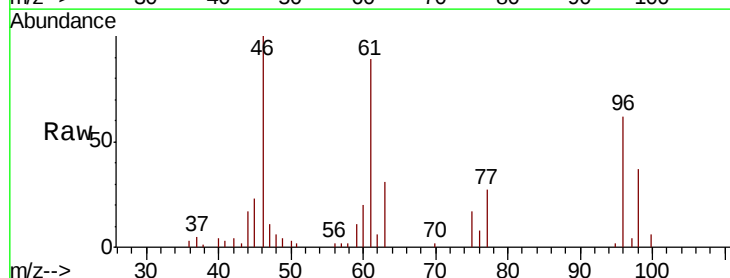
Tgt Ion: 96 Resp: 10109

Ion Ratio Lower Upper

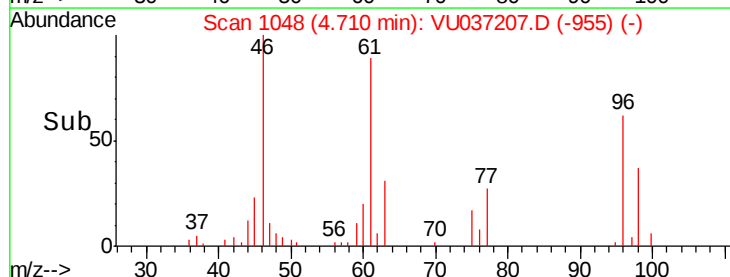
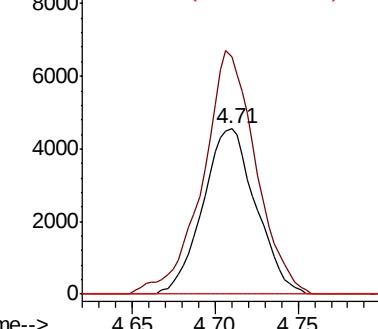
96 100

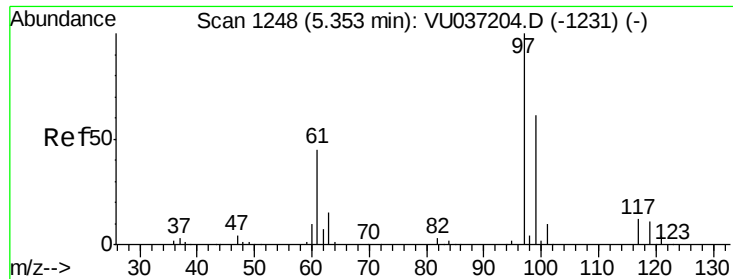
61 143.5 101.2 187.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

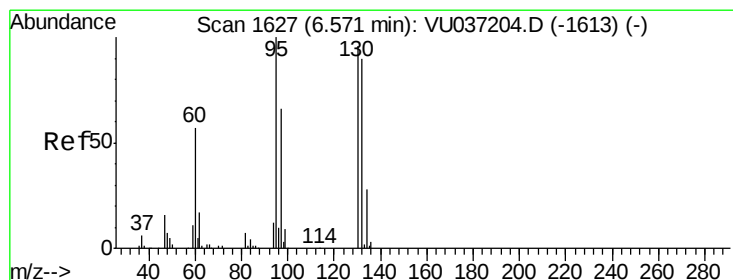
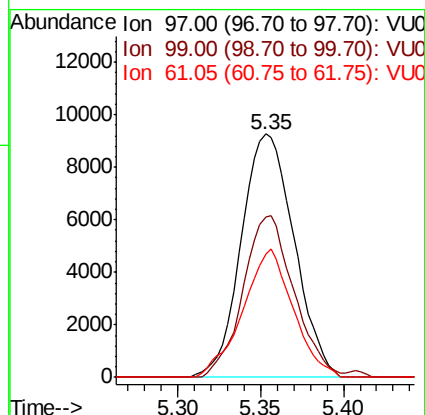
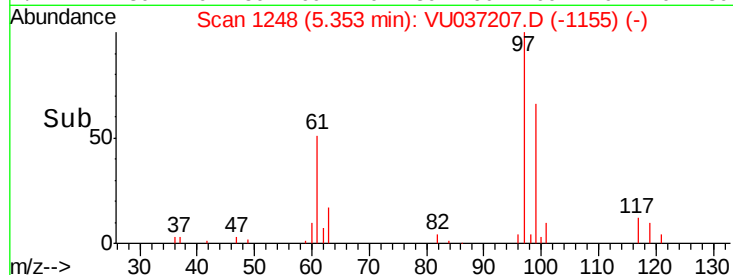
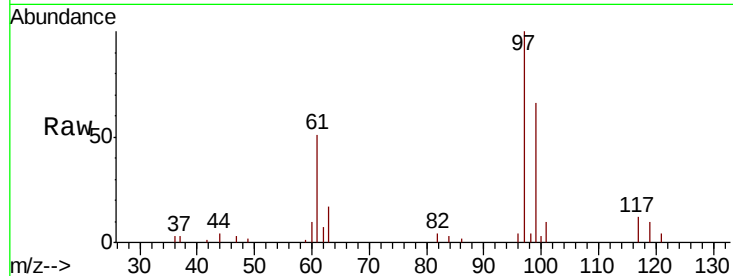




#30
 1,1,1-Trichloroethane
 Concen: 4.054 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037207.D
 Acq: 12 Mar 2020 22:41

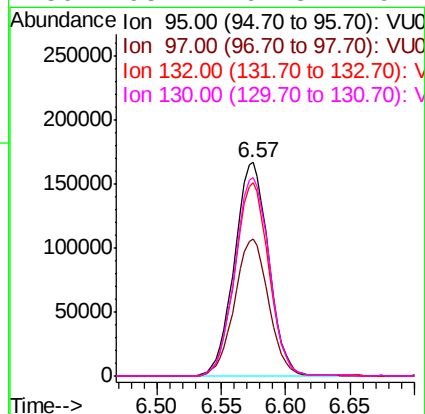
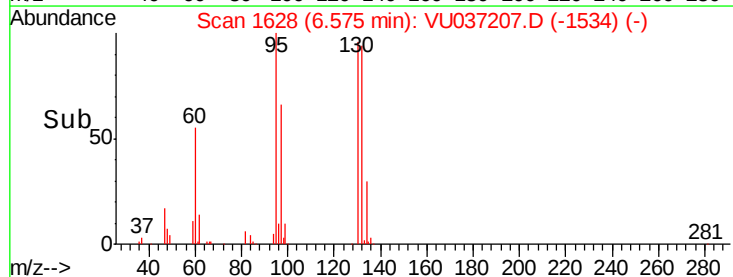
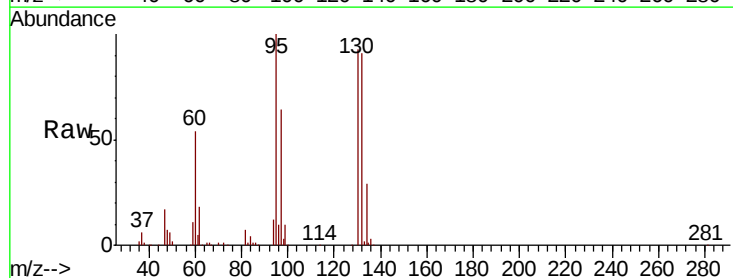
Instrument :
 MSVOA_U
 ClientSampleId :

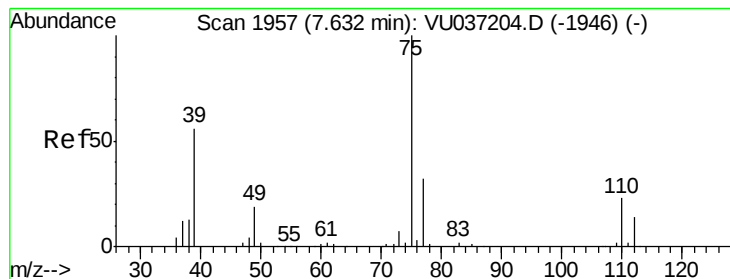
Tot Ion: 97 Resp: 20551
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.4 77.0
 61 50.1 39.0 58.4



#34
 Trichloroethene
 Concen: 105.469 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037207.D
 Acq: 12 Mar 2020 22:41

Tgt Ion: 95 Resp: 308498
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.8 81.4
 132 90.7 62.6 116.3
 130 93.1 64.8 120.4



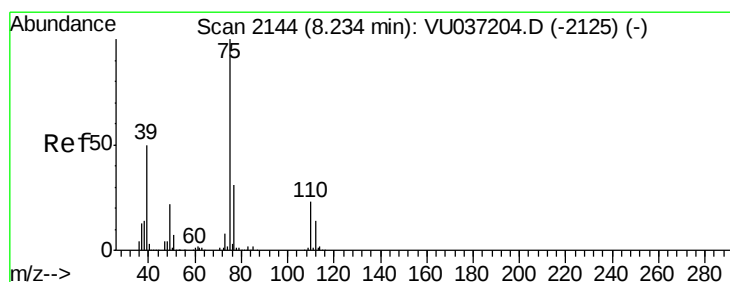
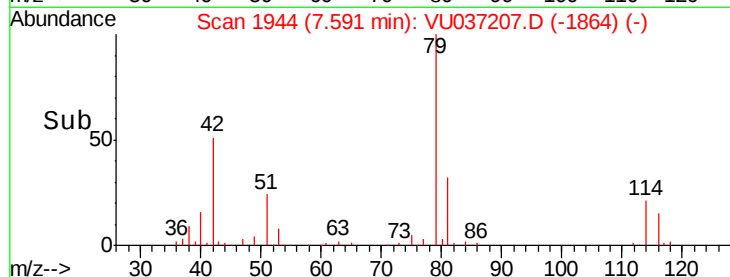
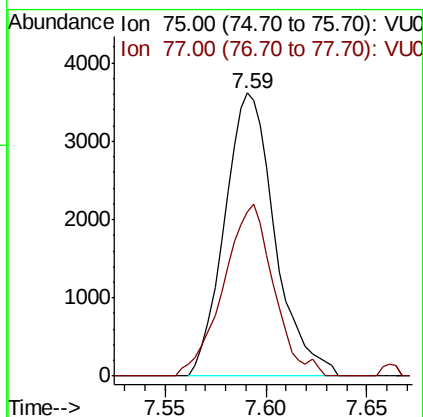
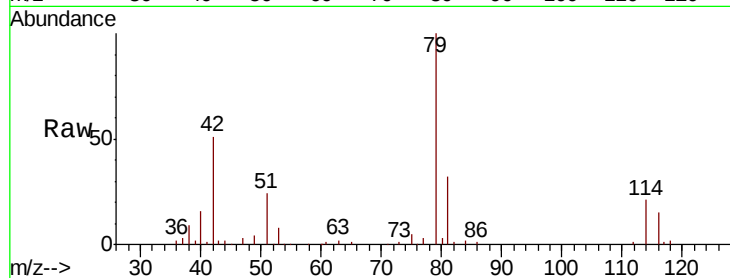


#39

cis-1,3-Dichloropropene
 Concen: 1.268 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037207.D
 Acq: 12 Mar 2020 22:41

Instrument :
 MSVOA_U
 ClientSampled :

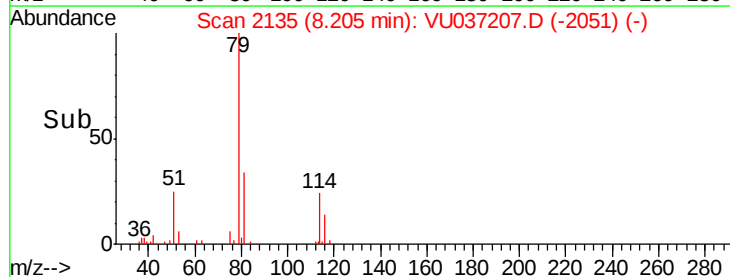
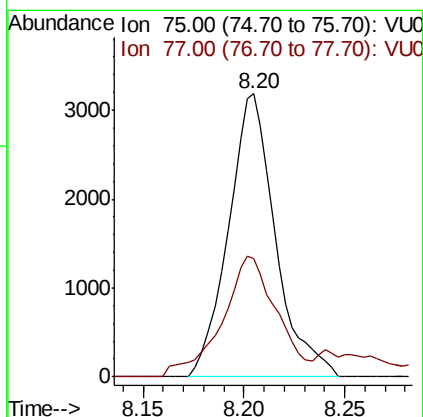
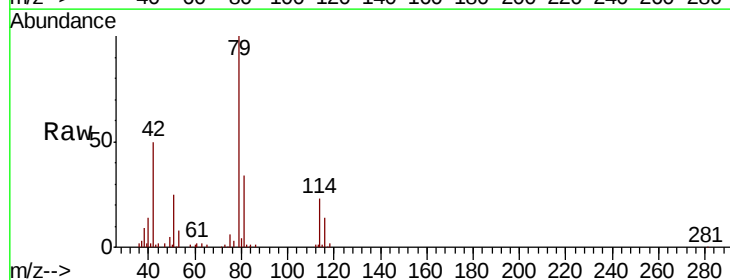
Tot Ion: 75 Resp: 6290
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.5 41.9#

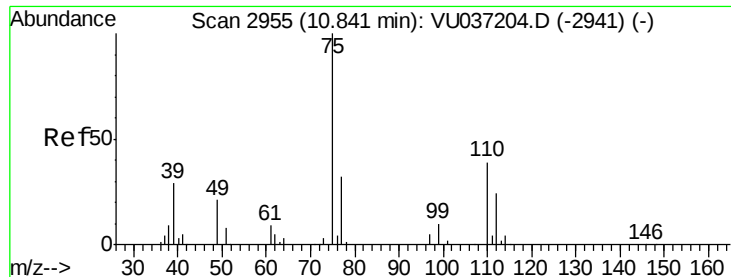


#44

trans-1,3-Dichloropropene
 Concen: 1.105 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037207.D
 Acq: 12 Mar 2020 22:41

Tgt Ion: 75 Resp: 5176
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.934 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037207.D

Acq: 12 Mar 2020 22:41

Instrument :

MSVOA_U

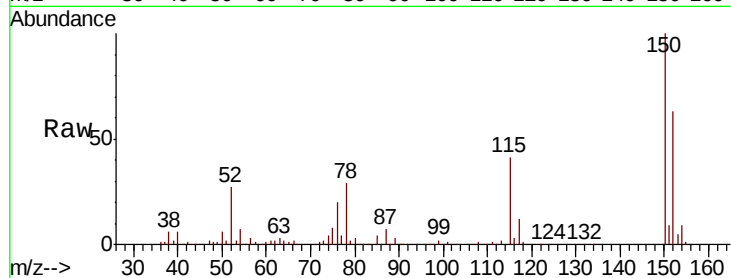
ClientSampleId :

Tot Ion: 75 Resp: 21944

Ion Ratio Lower Upper

75 100

77 39.9 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

